

UNITED STATES DEPARTMENT OF AGRICULTURE

FOREST SERVICE

S
PLANS-Klamath
Timber Management
SalmonRiver Working Circle

Sawyers Bar, California
May 28, 1953

STREAMLINED MANAGEMENT PLAN

SALMON RIVER WORKING CIRCLE

REGION 5

CALIFORNIA



TIMBER MANAGEMENT
FILE COPY

T. H. SIMPSON
District Ranger

TRANSFERRED

Sawyers Bar, California
May 28, 1953

STREAMLINED MANAGEMENT PLAN

SALMON RIVER WORKING CIRCLE

Klamath National Forest

Submitted by:

Sheldon H. Simpson
District Ranger

T. A. Schloffer

Approved by:

P. W. Bowh 9/8/53
Forest Supervisor

E. B. Wilsey
Acting Regional Forester
Subject to R.O. memorandum
dated 10/13/53

13 1953

1 approved copy sent Chief 10/13/53
2 approved copies returned to Klamath 10/13/53

Subject to revision on basis of Marc Edmond
timber plots.
PWB

SUPERVISOR, KLAMATH

OCTOBER 13, 1953

REGIONAL FORESTER, By

S-PLANS-Klamath-(Timber Management, Salmon River Working Circle)

Mr. Crebbin's memorandum of September 15.

The streamlined management plan for the Salmon River Working Circle, (May 28, 1953) prepared by District Ranger Simpson and Ted Schlapfer, is approved subject to the following:

Under presently approved guidelines, the type of bidding is not necessarily uniform for each sale offering in a working circle. Unless conditions are such that determination can be made at one time for all sales it may be just as well to omit mention of the type of bidding. For this case we suggest you either confine the mention to the reference or include a discussion of the factors in the working circle, which might influence choice of method.

Page 7 of the plan has been retyped and sufficient copies for your use are enclosed.

With the above exception, we feel that the plan presents the basic information needed for a planned timber management program. If currently maintained by annual revision of the cutting budget and other parts as changes are needed, it should prove a valuable tool.

Two copies of the approved plan are returned herewith, one copy is being forwarded to the Chief and one copy is being retained for our files.

JOHN R. BERRY

Enclosures

MAY 28 1953

INTRODUCTION

No management plan has previously been made for the working circle. Commercial cutting in the past has been principally confined to the cutting of timber for the mining industry. Forest Service sales and private timber cut to date have an aggregate volume cut of less than 10 MM feet.

Removal of the allowable harvest of 30 MM per year will require one sawmill in the North Fork Block and one or more mills in the South Fork Block. A band mill of about 10 MM capacity is now in operation in the North Fork Block in the vicinity of Sawyers Bar.

Development of full harvest of the timber in the South Fork Block is dependent upon the proposed access road from Callahan to Cecilville.

This streamlined management plan summarizes the available information on the timber stands of the working circle and provides a management policy that will serve until modified by amendment of this plan or until replaced by a more detailed management plan.

The working circle has been divided into two major blocks, each of which will be developed by an independent access road system. The data has been organized by separate blocks to facilitate management.

MAY 28 1953

1. Resource Data

a. Area in acres:

A V A I L A B L EP R I M I T I V E A R E A

<u>Block & Ownership</u>	<u>Productive Forest Land Densities 1,2,3</u>	<u>Marginal Forest Land Density 4</u>	<u>3 Non-Productive Lands</u>	<u>Productive Forest Land Densities 1,2,3</u>	<u>Marginal Forest Land Density 4</u>	<u>Non-Pro- ductive Lands</u>	<u>TOTAL</u>
NORTH FORK							
National Forest	42,531	16,651	25,327 84,509	12,819	3,130	23,406	123,864
Private Land	1,157	797	1,354 3,306	-	-	- 34,355	3,308
Total	43,688	17,448	26,681				127,172
SOUTH FORK							
National Forest	89,204	26,413	55,660 171,277	6,305	1,037	11,895	190,514
Private Land	639	359	1,681 171,772	-	-	-	2,679
Total	89,843	26,772	57,341				193,193
National Forest	131,735	43,064	80,987	19,124	4,167	35,301	314,376
Private Land	1,796	1,156	3,035	-	-	-	5,987
Total	133,531	44,220	84,022	19,124	4,167	35,301	320,365

Based on 1953 Primitive Area Boundary Revision.

MAY 28

MAY 28 1953

b. Volume MM feet b.m.

	<u>A V A I L A B L E</u>		<u>W I L D E R N E S S</u>		<u>A R E A</u>
Block & Ownership	-1- <u>Dens. 1,2,3.</u>	-2- <u>Dens. 4</u>	<u>Dens. 1,2,3</u>	<u>Dens. 4</u>	<u>GRAND TOTAL</u>
NORTH FORK					
National Forest	1,015	132	338	27	1,512
Private Land	24	8	-	-	32
Tot al	1,039	140	338	27	1,544
SOUTH FORK					
National Forest	2,051	250	183	9	2,493
Private Land	20	3	-	-	23
Total	2,071	253	183	9	2,516
Grand Total					
National Forest	3,066	382	512	36	4,005
Private	44	11	-	-	55

MAY 28 1953

2. Transportation -

a. Existing roads in the North Fork Block -

- (1) County road from Sawyers Bar to Etna - 25 miles of Class E & F road. This is a dirt road which should be improved to Class D & E standards by county expenditures and maintenance.
- (2) County road within the Forest road system - Forks of Salmon to Sawyers Bar, 15 miles of Class E road. This road should be brought to Class D standard by widening and realignment. This portion of the road is a Forest Highway.

The above road system will provide the main log and lumber hauling roads. Roads within the sale areas will be operator constructed in conformity with Forest Service standards. They will be built as needed to harvest the timber.

b. Existing roads in the South Fork Block -

- (1) Forks of Salmon to Cecilville - 17 miles of Class E County road. Road should be improved to Class C standard.
- (2) Forest Service road Cecilville to Shadow Creek - 7 miles of low standard truck trail. Should be replaced by Forest Service access road now planned to go from Cecilville to Callahan.
- (3) County road - Cecilville to Rush Creek. Class E & F, 7 miles. This road should be brought to Class D standard.
- (4) Proposed access road from Callahan to Cecilville. This road is necessary to any sale program in the South Fork block. Road to be a class C. The road has Regional priority as a timber access road and the survey is now being made by the Bureau of Public Roads.

MAY 28 1953

3. Silviculture -

Cutting during the first cutting cycle will conform to the "Unit Area Control" marking clause (TMHB). Objective will be to decrease losses by removal of poor risk trees and to improve growing conditions in the stand.

4. Annual Cut -

The allowable cut during the first cutting cycle is based on 1% of net volume. This rate of cut will permit the salvage and utilization of poor risk trees and the completion of an access road system at an early date. Separate allowable cuts are established for each block since they will be developed by separate road systems.

The cut during the second cutting cycle shall not exceed the annual growth. Volume of Density 4 type is unallocated. Cutting of unallocated timber not to exceed 25% over 5 year period.

Calculation

North Fork Block:

Allowable annual cut - $1039 \text{ MM} \times 1\% = 10 \text{ MM}$

In addition to the budgeted cut there is approximately 70 MM on low density stands that may be cut when the market economically permits the harvesting.

South Fork Block:

Allowable annual cut - $2051 \text{ MM} \times 1\% = 20.0 \text{ MM}$

In addition to the budgeted cut there is approximately 126 MM on low density stands that may be cut when the market economically permits the harvesting.

5. Sales Policy -

No cutting will be permitted in the Marble Mountain and Salmon-Trinity Alps Primitive Areas.

CUTTING BUDGET AND SALES PROGRAM

(To Be Revised Annually By February 15)

Fiscal Year 19⁵⁹ Through 19⁶⁴

Klamath Forest

Salmon River W.C.

Salmon River R.D.

Sheet 1 of 2 sheets

Sale Designation or Proposed Sale	Date To Be Ad- vertised	Volume & Area		Fiscal Year Estimated Cut By Year(MM)						Access Road Construction Required			
		MM	Acres	19 ⁵⁹	19 ⁶⁰	19 ⁶¹	19 ⁶²	19 ⁶³	19 ⁶⁴	Forest Service Miles	Cost	Purchaser Road No.	Standard Miles
			(2nd half)										
Under Contract:													
Jessups Gulch (N)	--	9.5	1150	4.0	-	-	-	-	-			39N27	3.2 SH-16
Jolty Joe (N)	--	6.5	722	3.0	3.5	-	-	-	-			41N19A	2.7 SL-12
Smith Ridge (N)	--	9.5	950		9.5	-	-	-	-			39N27	3.7 SH-16
Proposed Sales:													
2nd half F.Y. 1959													
Six Miles (S)	6/1/59	7.0	650		7.0	-	-	-	-			39N07.2	6.5 SL-16
McNeil Cr. (S)	6/1/59	15.0	1400		10.0	5.0	-	-	-			38N06	6.0 "
1st half F.Y. 1960													
none													
2nd half F.Y. 1960													
Cecil Creek (S)	6/1/59	25.0	2400			15.0	10.0	-	-			37N06	8.0 "
Kelly Gulch (N)	6/1/59	4.0	370			4.0						40N42	3.2 "
Totals		76.5	7642	7.0	30.0	24.0	10.0	-	-				

Instructions: Include all sales under contract and sales proposed for advertising during budget period. Show sale volume to nearest tenth of MM feet and area of sale in acres for proposed sales, and uncut volume and area for existing sales. Show miles of required "on-system" road construction and estimated cost by project and sale. Indicate all sales not chargeable to allowable annual cut by footnote, as 1/ Salvage, or 2/Thinnings in immature stands.

254-R5-MAY 1958
(N) - North Fork Block
(S) - South Fork Block

Klamath Forest
Salmon River W.C.
Salmon River R.D.

CUTTING BUDGET AND SALES PROGRAM
 (To Be Revised Annually By February 15)
 Fiscal Year 19 59 Through 19 64

Sheet 2 of 2 sheets

Sale Designation or Proposed Sale	Date To Be Ad- vertised	Volume & Area		Fiscal Year Estimated Cut By Year(MM)						Access Road Construction Required					
		MM	Acres	1959 1960 1961 1962 1963					Forest Service		Purchaser				
				(2nd half)					Road No.	Miles	Cost	Road No.	Miles	Cost	
<u>F.Y. 1961</u>										<u>1964</u>					
Little No. Fork (N)	7/1/60	15.0	1250			6.0	9.0						41N31	3.8	SL-16
<u>F.Y. 1962</u>															
Knownothing Cr.(S)	12/1/61	26.0	2200	-	-	-	10.0	10.0	6.0				10N02	6.5	"
Timber Gulch (S)	6/1/62	12.0						10.0	2.0				38N14	5.4	"
<u>F.Y. 1963</u>															
Specimen Gulch (N)	12/1/62	43.0	3800	-	-	-		10.0	10.0				41N30	8.3	"
<u>F.Y. 1964</u>															
Black Gulch	7/1/63	36.0	3100	-	-	-	-	-	12.0				37N05	9.0	"
Totals, Grand		208.5	17,992	7.0	30.0	30.0	29.0	30.0	30.0					66.3	

Instructions: Include all sales under contract and sales proposed for advertising during budget period. Show sale volume to nearest tenth of MM feet and area of sale in acres for proposed sales, and uncut volume and area for existing sales. Show miles of required "on-system" road construction and estimated cost by project and sale. Indicate all sales not chargeable to allowable annual cut by footnote, as 1/ Salvage, or 2/Thinnings in immature stands.

254-R5-MAY 1958

Salmon River

Working Circle

Klamath

National Forest

Five-year Cutting Budget and Sale Program C.Y. ~~1955-1956-1957-1958-1959~~¹⁹⁶⁰ Inclusive.
 (Show all sales under contract and sales proposed for advertising by year.)

Name of Sale or Proposed Sale & Date of Advertisement	: Total : Volume : in : Sale : MBM	: Estimated Cut for Each C.Y.:				: Access Road Construction (on System & M-4 Roads)					
		: 1955-1956-1957-1958-1959				: Each Year					
		: Year	: MBM		: Acres	: By Forest Service			: By Operator		
						: Road	: Miles	: Cost	: Road	: Miles	: Cost
						: Number			: Number		
X Dinkley Camp	2500	1956	2500	250							
(sold) Daggett	5600		3000	250					4014	5.0	40,000
(sold) Taylor Ch Salvage	5250		5250						3803	6.0	90,000
Mc Neal Ch #2	1500		1500	160							
High Point	1500		750	80					3910	4.0	32,000
X Jessups Gulch	9500		9500	750					4014	3.0	25,000
			22,500								
Daggett (Bel)		1957	2600	150							
High Point (Bel)			750	80							
Shingle Flat	10,000		8,000	600					4014	2.0	15,000
High Point	1500		750	70							
Little North Fork	20,000		2000	150					4111	4.0	72,000
			14,100								

Approved _____

Revised: _____
(Date)

By: _____

254-R5 Revised 12-27-54

Supersedes Revision 12-22-53

X-Will sell in 1956

SEP 3 1956

Salmon River

Working Circle

Klamath

National Forest

Five-year Cutting Budget and Sale Program C.Y. 1955-1956-1957-1958-1959 Inclusive.

(Show all sales under contract and sales proposed for advertising by year.)

Name of Sale or Proposed Sale & Date of Advertisement	Total	Estimated Cut for Each C.Y.:			Access Road Construction (on System & M-4 Roads)						
	Volume	1955-1956-1957-1958-1959			Each Year						
	in				By Forest Service			By Operator			
	Sale MBM	Year	MBM	Acres	Road Number	Miles	Cost	Road Number	Miles	Cost	
Shingle Slab (Bal)		1958	2000	180							
High Point (Bal)			750	70							
Little North Fork (Bal)			5000	400							
High Point #2	1520		750	80							
South Russian	10,100		3000	250				4011	3.5	32,000	
Indian Creek	5000		5000	400							
			16,500								
Little North Fork (Bal)		1959	7000	550							
High Point #2 Bal			750	80							
South Russian (Bal)			3000	250							
Bocart Pond	5000		5000	400				3905	2.0	12,500	
East Fork Salmon	40,000		10,000	800							
Powder Gulch	1500		750	80							
			26,500								

Approved _____

Revised: _____
(Date)

By: _____

254-R5 Revised 12-27-54
Supersedes Revision 12-22-53

SEP 3 1956

Working Circle

Klamath

National Forest

1960

(Show all sales under contract and sales proposed for advertising by year.)

Little Noddy (Bal)	1960	6000	500
South Russian (Bal)		4000	300
Callahan Is.	5000	5000	400
East Is. Solomon (Bal)		10,000	1200
Powerty Is. (Bal)		750	80
		<u>25750</u>	

Approved

254-R5 Revised 12-27-54
Supersedes Revision 12-22-53

Revised:

(Date)

By:

SEP 3 1956

OCT 13 1953

If necessary, a long term sale may be required to secure the establishment of a sawmill in the South Fork Block but it should be no larger then necessary for this purpose.

Bidding will be in accord with Regional policy (see 7 FSM 204.11, R-5 Supplement) for oral auction bidding vs. sealed bids.

Areas with a higher proportion of high risk trees will normally be cut early in the first cutting cycle. Fir will be budgeted for cutting at times when economic operation of heavy fir stands is most profitable.

6. Cutting Budget

Timber Data:

<u>Year</u>	<u>Sale Area</u>	<u>Acres</u>	<u>Cut</u> <u>MM Feet</u>	<u>Roads</u>		<u>Number Miles</u>		
				<u>Responsibility</u> <u>F.S.</u>	<u>Oper.</u>	<u>Con.</u>	<u>Btr.</u>	<u>Maint.</u>
North Fork Block -								
1953	Eastlick Sale	800	7	-	X	2	9	2
1954	Proposed Sale #1	1000	8	-	X	2	-	10
1955	" #1	1000	9	-	X	1	-	10
1956	" #2	1000	10	-	X	2½	-	4
1957	" #2	1000	10	-	X	1	-	6

South Fork Block -

Probably no sales will be budgeted until the access road has been completed.

*See memo 10-13-53,
copy of which is
bound under the
title page.*

1/14/53

TIMBER MANAGEMENT ACCESS ROAD REPORT

Salmon Working Circle

Region 5

State of California

Klamath National Forest

1. Forest Development Road System

Existing

Satisfactory: Unsatisfactory: Ultimate System

a. Timber access roads 19.9 Miles: 33.9 Miles: 233.2 Miles
b. General-purpose roads serving timber. - Miles: 1.5 Miles: 4.5 Miles

2. Timber Production

a. Sustained yield cutting capacity - next 10-year period 25 MMBF Annually
b. Current rate of cutting, N. F. timber 4 MMBF Annually
c. Current rate of cutting, Other timber - MMBF Annually
d. Effect upon current rate of cutting N.F. timber if public access road construction funds are completely discontinued. - MMBF Annually

3. Access Road Construction and Reconstruction Requirements

a. To maintain current rate of N. F. cutting

Average Annual Requirements

	<u>Miles</u>	:	<u>\$</u>
F. S. Construction	-	:	*1,800
Other Public Construction	-	:	-
F. S. Operator Construction	.6	:	6,000
Other Private Construction	.8	:	8,000

b. To increase rate of N. F. cutting to sustained yield capacity

Total Requirements

	<u>Miles</u>	:	<u>\$</u>
F. S. Construction	19.3	:	*962,500
Other Public Construction	16.0	:	320,000
F. S. Operator Construction	-	:	-
Other Private Construction	-	:	-

c. To maintain increased rate of N. F. cutting at sustained yield level

Average Annual Requirements

	<u>Miles</u>	:	<u>\$</u>
F. S. Construction	1.0	:	*41,200
Other Public Construction	1.1	:	22,000
F. S. Operator Construction	7.1	:	85,400
Other Private Construction	-	:	-

*F.S. Eng. & Drainage

Exhibit #1

RECORD OF CUT - SAWTIMBER
(Separate sheet for each unit.)

Forest Klamath
Working Circle All
Compartment _____

YEAR	Volumes in M feet board measure								TOTALS	ACRES				
	Ponderosa	:	:	:	:	:	Miscel-	:						
	and/or	:	Douglas	:	White Fir	:	:	:						
	Jeffrey	:	Fir	:	and/or	:	Sugar	:						
1955	Pine	:	:	:	Red Fir	:	Pine	:	Pine	:	Cedar	:	Other	:
Yreka	1,287	2,466	755	1,093			30				5,631			650
Horse Creek	692	695	588	212			7				2,194			160
Seiad	2,344	10,337	324	1,531			69				14,605			990
Happy Camp	1,029	43,558	705	5,543			358		466		51,659			4,020
Somes Bar	34	8,083	261	678							9,056			660
Salmon River	2,250	1,848	123	4,901			18				9,140			810
South Scott	6,084	597	360	861			187				8,089			1,060
North Scott	305	12	0	8			14				339			120
Total	14,025	67,596	3,116	14,827			683		466		100,713			8,470

Exhibit #3

Forest Klamath
 Working Circle All
 Compartment

RECORD OF UNREGULATED TIMBER AND FOREST PRODUCTS CUT

YEAR	Miscellaneous Convertible Products - Volumes in Feet B.M.							Non-convertible Products	
	Pulpwood				Fuelwood	Ties	Misc.	Christmas	
	or	Poles	Posts		Cordwood		or	Trees	Miscellaneous
1955	Similar						Other	No. Trees	
Ireka			9					662	
Horse Creek							None		
Seiad							None	177	
Happy Camp					10		10	100	
Somes Bar							None		20# Ferns
<u>Salmon River</u>							None		
South Scott			3				3	1160	
North Scott		1	11		2		14		
Total		1	23		12		36	2099	20# Ferns

RO-121-R5
 (2/1/52)

January 13, 1956

Exhibit #1

RECORD OF CUT - SAWTIMBER
(Separate sheet for each unit.)

1954

Forest Elamath
Working Circle ALL
Compartment

Working Circle	Volumes in M feet board measure							TOTALS	ACRES
	Ponderosa and/or Jeffrey Pine	Douglas Fir	White Fir and/or Red Fir	Sugar Pine	Lodgepole Pine	Incense Cedar	Miscel- laneous or Other		
Happy Camp	2,592	48,380	528	8,266	-	450	368	60,592	4,886
Horco Creek	126	135	5	35	-	-	-	300	40
South Scott	142	58	69	24	2	18	-	313	20
North Scott	110	110	0	42	-	5	-	267	40
Yreka	4,759	4,258	4,686	1,732	-	140	-	15,575	2,240
Seiad	505	5,609	40	480	-	-	-	6,634	516
<u>Fallman River</u>	2,268	4,630	1,206	1,418	-	45	-	9,566	800
Comes Bar	-	-	-	-	-	-	-	-	-
Totals	10,508	63,180	6,534	11,992	2	658	368	93,240	8,642

TM, RO, February 1, 1952

1/14/55

RECORD OF CUT - SAWTIMBER
(Separate sheet for each unit.)

Compartment

RO-122-R5
(2/1/52)

Exhibit #2

CUMULATIVE RECORD OF CUT - SAWTIMBERForest
Working Circle

YEAR	Volume MBM				Acres				Volume MBM				Acres			
	Cur-	Cumu-	Cur-	Cumu-	Cur-	Cumu-	Cur-	Cumu-	Cur-	Cumu-	Cur-	Cumu-	Cur-	Cumu-	Cur-	Cumu-
	rent	lative	rent	lative	rent	lative	rent	lative	rent	lative	rent	lative	rent	lative	rent	lative
1952																
1953	4204				650											
1954																
1955																
1956																
1957	4184				560											

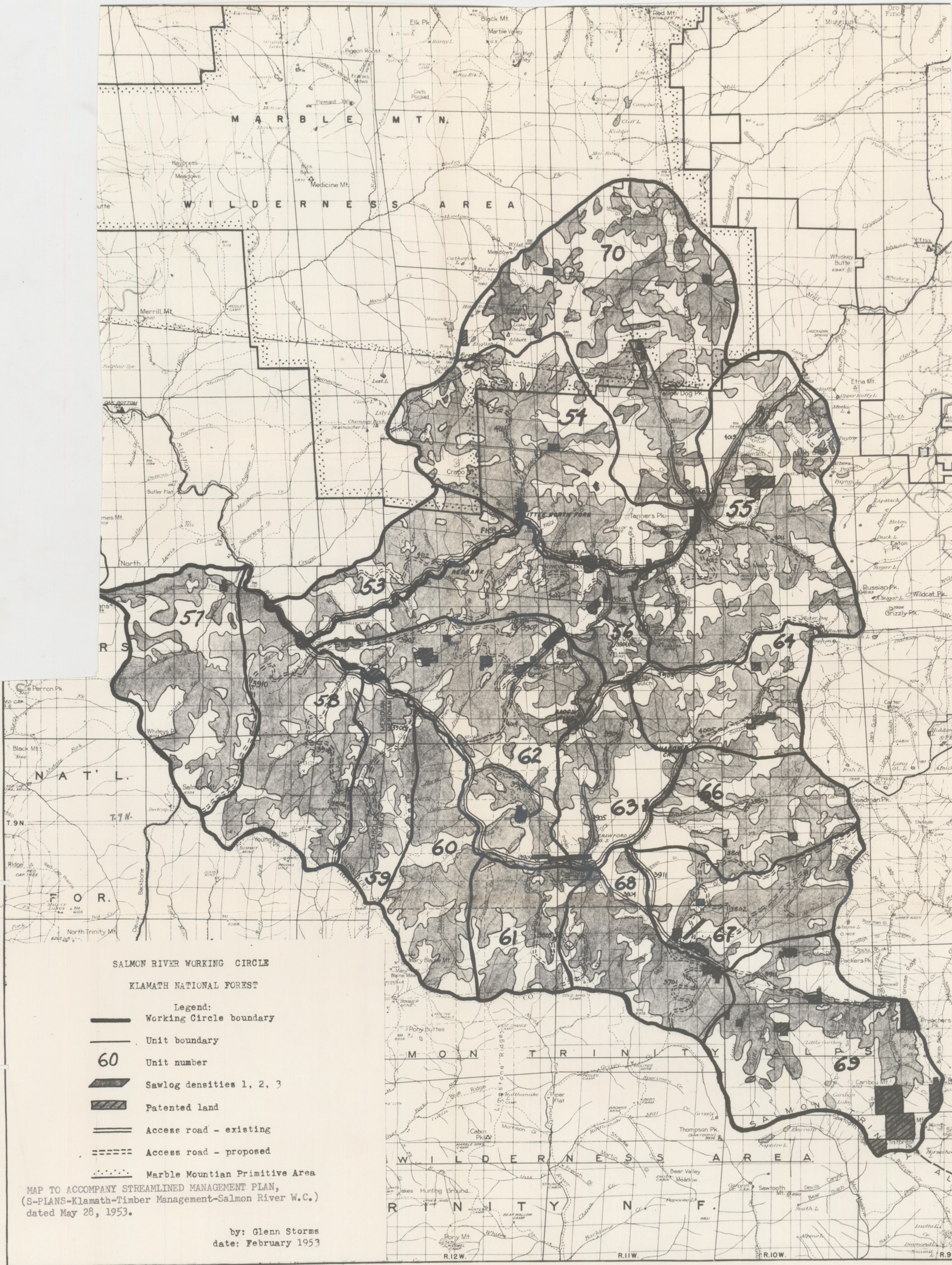
Total Annual Allowable Cut: 30,000

7-0

Compartment

10

All copies of Map #1 are on the Klamath Forest.



SALMON RIVER WORKING CIRCLE

KLAMATH NATIONAL FOREST

Legend:

- Working Circle boundary
- Unit boundary
- Unit number
- Sawlog densities 1, 2, 3
- Patented land
- Access road - existing
- Access road - proposed
- Marble Mountain Primitive Area

MAP TO ACCOMPANY STREAMLINED MANAGEMENT PLAN,
(S-PLANS-Klamath-Timber Management-Salmon River W.C.)
dated May 28, 1953.

by: Glenn Storms
date: February 1953